



THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Chang et al. Customer No.: 21003
Serial No. : 10/728,345 Examiner: Not Yet Assigned
Filed : December 4, 2003 Group Art Unit: 2615
For : A METHOD AND ARCHITECTURE FOR INDEXING AND EDITING
COMPRESSED VIDEO OVER THE WORLD WIDE WEB

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

I hereby certify that this paper is being deposited with the
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April 2, 2004
Date of Deposit

Paul A. Ragusa
Attorney Name

[Signature]
Signature

38,587
Patent Reg. No.

April 2, 2004
Date of Signature

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), applicants bring to the attention of the Examiner the documents listed on the attached Form PTO 1449 and respectfully request that the listed documents be considered by the Examiner and made of record in the above-captioned application. Copies of all of the documents listed on the Form PTO-1449 are enclosed herewith. Copies of the cited patent references are not enclosed since they were either transmitted to the United States Patent and Trademark Office in parent application United States Ser. No. 09/423,769 or cited by the Examiner in the prosecution of the parent case.

NY02:479995.1

PATENT

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that the listed documents are material or constitute "prior art." If the Examiner applies the documents as prior art against any claim in the application and applicants determine that the cited documents do not constitute "prior art" under United States law, applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of the documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should the documents be applied against the claims of the present application.

This Information Disclosure Statement is being filed before the mailing date of the first Office Action on the merits of referenced application. Therefore, Applicants do not believe that any fee is due in connection with the submission of this paper. However, if any fee is due, or if any overpayment has been made, the Commissioner is authorized to charge any such fee or credit any overpayment, to our Deposit Account No. 02-4377. Duplicate copies of this sheet are enclosed.

Respectfully submitted,

BAKER BOTTS L.L.P.

By: 

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Form PTO-1449 U.S. Department of Commerce
(REV. 2-82) Patent and Trademark Office

Atty. Docket No.
A31067-PCT-USA-I
(070050.2511)

Serial No.
10/728,345

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Applicants
Chang et al.

Filing Date
December 4, 2003

Group Art Unit
2615

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

*Exam. Init.	Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	6 3 2 7 3 9 0	12/04/01	Sun et al.	382	235	
	6 2 5 2 9 7 5	06/26/01	Bozdagi et al.	382	107	
	6 1 2 5 2 2 9	09/26/00	Dimitrova et al.	386	69	
	6 1 0 4 4 1 1	08/15/00	Ito et al.	345	440	
	6 0 7 5 8 7 5	06/13/00	Gu	382	107	
	5 9 9 5 0 9 5	11/30/99	Ratakonda	715	500.1	
	5 8 7 0 7 5 4	02/09/99	Dimitrova et al.	707	104.1	
	5 7 6 7 9 2 2	06/16/98	Zabih et al.	348	700	
	5 6 0 6 6 5 5	02/25/97	Arman et al.	345	440	
	5 4 6 1 6 7 9	10/24/95	Normile et al.	382	304	
	5 4 0 8 2 7 4	04/18/95	Chang et al.	348	700	
	5 2 6 2 8 5 6	11/16/93	Lippman et al.	375	240.12	
	5 2 0 4 7 0 6	04/20/93	Saito	352	129	
	5 1 9 1 6 4 5	03/02/93	Carlucci et al.	345	723	

FOREIGN PATENT DOCUMENT

Document No.	Class	SubClass	Translator Yes No

OTHER DOCUMENTS (including Author, Title Date, Pertinent Pages, Etc.)

J. Meng and S.-F.Chang, "Tools for Compressed-Domain Video Indexing and Editing," SPIE Conference on Storage and Retrieval for Image and Video Database, Vol. 2670 (1996).
Zhong et al., "Clustering Methods for Video Browsing and Annotation," Storage and Retrieval for Still Image and Video Databases IV, IS & T/SPIE's Electronic Images: Science & Tech. 96, Vol 2670 (1996).

Examiner

Date Considered

* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		B. Shahraray, "Scene Change Detection and Content-Based Sampling of VideoSequences," SPIE Conf. Digital Image Compression: Algorithms and Technologies 1995, Vol. 2419.
		J. Meng et al., "Scene Change Detection in a MPEG Compressed Video Sequence," IS & T/SPIE Symposium Proceedings, Vol. 2419, Feb. 1995.
		M.M. Yeung, et al. "Video Browsing using Clustering and Scene Transitions on Compressed Sequences," IS & T/SPIE Symposium Proceedings, Feb. 1995, Vol. 2417, pp. 399-413.
		H.S. Sawhney, et al., "Model-Based 2D & 3D Dominant Motion Estimation for Mosaicking and Video Representation," Proc. Fifth Int'l conf. Computer Vision, Los Alamitos, CA., 1995, pp. 583-390.
		S.-F. Chang, "Compressed-Domain Techniques for Image/Video Indexing and Manipulation," IEEE Intern. Conf. on Image Processing, ICIP 95, Special Session on Digital Image/Video Libraries and Video-on-demand, Oct. 1995, Washington DC.
		S.W. Smoliar et al., "Content-Based Video Indexing and Retrieval," IEEE Multimedia, summer 1994, pp. 62-72.
		F. Arman et al., "Image Processing on Compressed Data for Large Video Databases," Proceedings of ACM Multimedia'93, June 1993, pp. 267-272.
		A. Akutsu et al., "Video Indexing Using Motion Vectors," SPIE Visual Communications and Image Processing 1992, Vol. 1818, pp. 1522-1530.
		Y.T. Tse et al., "Global Zoom/Pan Estimation and Compensation For Video Compression" Proceedings of ICASSP 1991, pp. 2725-2728.

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